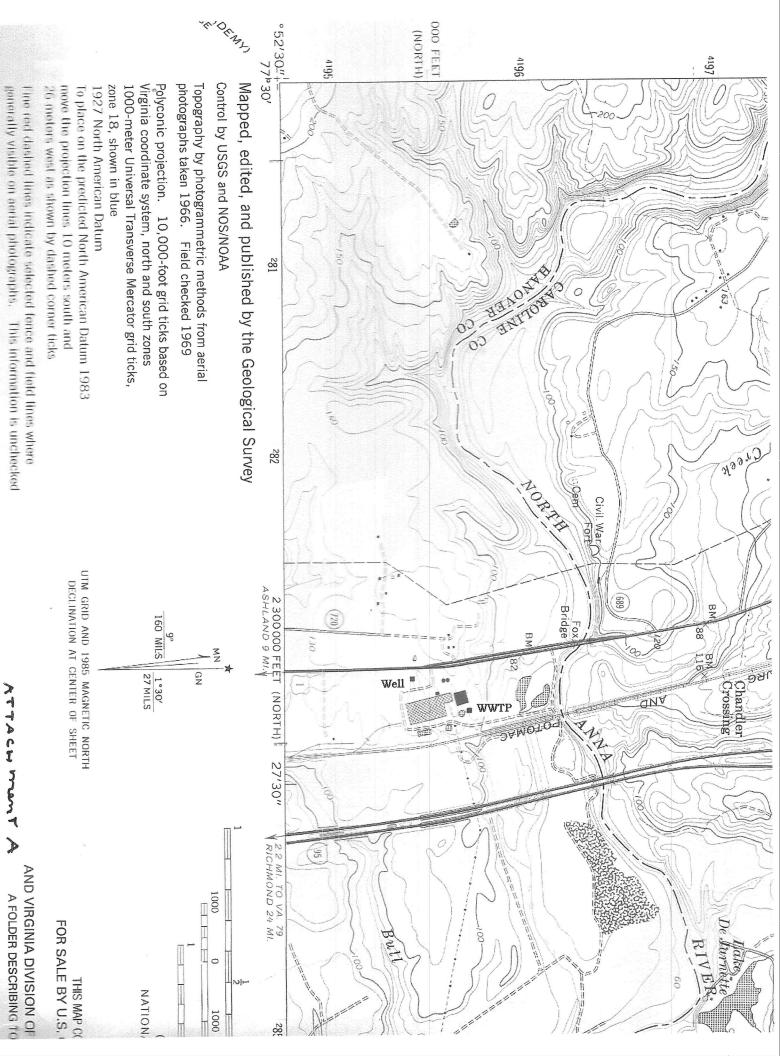
FACILITY NAME: REACTION A. GENERAL INFORMATION VPDES PERMIT NUMBER: VA 60683 14

All appl	icants must	Information. Facility name: Contact person: The property of
1.	Facility	Information. Facility name: Reposed 122 Parago Contact person: Title: Phone: () Mailing address: Street or P.O. Box: 126 South Land Roll City or Town: Management of the Parago State: Management of the Parago Roll City or Town: Management of t
	a.	Facility name: R mapsedy 120/ Pungo Allo Blogge
	b.	Contact person: Standard Tone
		Title: Pres Sant
		Phone: () 757- 498 HHH8
	c.	Mailing address:
		Street or P.O. Box: 126 South Lynnhaum Rd
		City or Town: Variable Read State: VA Zip: 2345 Z
	d.	Facility location:
		Street or Route #: 17324 WASHINGTON HWY
		County: HANGYER
		City or Town: Daswell State: VA Zip: 23047
	~ e.	Is this facility a Class I sludge management facility?YesNo
	_ f.	Facility design flow rate: mgd
	g.	Total population served:
а	_ h.	Indicate the type of facility:
		Publicly owned treatment works (POTW)
		Privately owned treatment works
		Federally owned treatment works
		Blending or treatment operation
		Surface disposal site
		Other (describe):
•	A 1.	ant Information. If the applicant is different from the above, provide the following:
2.		Applicant name:
	a.	Mailing address:
	b.	Street or P.O. Box: 80x 13
		City or Town: Daswell State: VA Zip: ZZaz7
	0	Contact person:
	c.	Title:
		Phone: (894 387 6362 or 804 994 20 88
	d.	Is the applicant the owner or operator (or both) of this facility?
		owner Sperator
	e.	Should correspondence regarding this permit be directed to the facility or the applicant? (Check one)
		facility applicant
	ъ .	
3.		Information.
	a.	Facility's VPDES permit number (if applicable): VA OCE \$315 List on this form or an attachment, all other federal, state or local permits or construction approvals
	b.	received or applied for that regulate this facility's sewage sludge management practices:
		Permit Number: Type of Permit:
		PWS1D 4085920
		11005120
4.	Indian	Country. Does any generation, treatment, storage, application to land or disposal of sewage sludge from this
	facility	occur in Indian Country?YesNo If yes, describe:

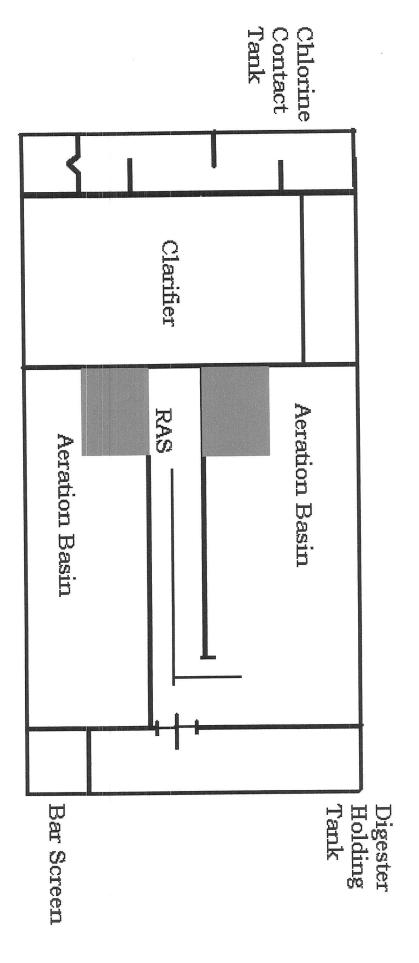
T	OUR RESTRICTION OF THE	mapsody In	in. Pur	9 O VPDES	PERMIT NUMBER: 🗸 🗢 🔾	68314			
FAC 5.	Topographic Ma	n. Provide a tonographic m	ap or maps (or	other appropriate map					
J.	unavailable) that	Topographic Map. Provide a topographic map or maps (or other appropriate maps if a topographic map is unavailable) that shows the following information. Maps should include the area one mile beyond all property							
	boundaries of the	boundaries of the facility:							
				es, including locations	where sewage sludge is generated	d,			
	h Location	n of all wells, springs, and o	ther surface wa	ater bodies listed in pul	olic records or otherwise known to	O			
	the appl	licant within 1/4 mile of the	property bound	daries. ATTACH	ment A, DC				
6.	Line Drawing. I	Provide a line drawing and/	or a narrative d	escription that identific	es all sewage sludge processes tha	ıt			
	will be employed	I during the term of the peri sludge, the destination(s) of	nit including al	olide leaving each un	llecting, dewatering, storing, or				
	reating sewage s	on and vector attraction red	an inquites and	17ACH Was	* B				
7.	Contractor Infor	mation. Are any operationa	ıl or maintenan	ce aspects of this facili	ty related to sewage sludge				
	generation, treat	ment, use or disposal the re	sponsibility of a	a contractor? Yes _	_No				
	If yes, provide th	ne following for each contra	ctor (attach add	itional pages if necessi	iry).				
	Mailing address								
	Street or P.O. Bo	ASHLAND	MEAW	niton Hu	<u>4.</u>				
	City or Town: _	ASHLAUD	Sta	te: 🟒 🖎 Zip: 🔀	2008				
	Phone (=) (=	3 7CQ HY	1.1						
	Contractor's Fed	eral, State or Local Permit	Number(s) appl	icable to this facility's	sewage sludge:				
	If the contractor	is responsible for the use a	nd/or disposal o	of the sewage sludge, p	ovide a description of the service				
	to be provided to	the applicant and the responsible	ective obligation	ns of the applicant and	the contractor(s).	9.D			
	_								
_8.	Pollutant Conce	ntrations. Using the table b	elow or a separ	ate attachment, provid	e sewage sludge monitoring data				
	for the pollutant	s which limits in sewage sit	age have been	on three or more samp	25-31-10 et seq. for this facility's les taken at least one month apar	t			
	and must be no	more than four and one-hal	f years old.	on three or more samp	MA	•			
						 1			
	POLLUTANT	CONCENTRATION	SAMPLE	ANALYTICAL	DETECTION LEVEL FOR ANALYSIS				
		(mg/kg dry weight)	DATE	METHOD	FOR ANALISIS	_			
	Arsenic								
	Cadmium								
	Chromium								
	Copper								
	Lead								
	Mercury								
	Molybdenum								
	Nickel								
-	Selenium								
-	Zinc								
	23110				<u>_</u>				
9.	Certification R	Read and submit the following	ng certification	statement with this ap	olication. Refer to the instruction	ıs			
٦.	to determine wh	no is an officer for purposes	of this certifica	tion. Indicate which p	arts of the application you have				
	completed and				2. 2.				
		(C 11 C .:)			NA				
	Section A	(General Information) (Generation of Sewage Sluc	lge or Prenarati	on of a Material Deriv	ed from Sewage Sludge)				
	Section C	(Land Application of Bulk	Sewage Sludge						
	Section D	(Surface Disposal)	33")						
		- "							

FACILITY NAME:	VPDES PERMIT NUMBER:
I certify under penalty of law that this document a	nd all attachments were prepared under my direction or
supervision in accordance with a system designed	to assure that qualified personnel properly gather and evaluate the
information submitted. Based on my inquiry of th	e person or persons who manage the system or those persons
directly responsible for gathering the information,	the information is, to the best of my knowledge and belief, true,
	significant penalties for submitting false information, including the
possibility of fine and imprisonment for knowing	violations.
Name and official title	
	D (1)
Signature X	Date Signed
, m.1. 1 1	
Telephone number	

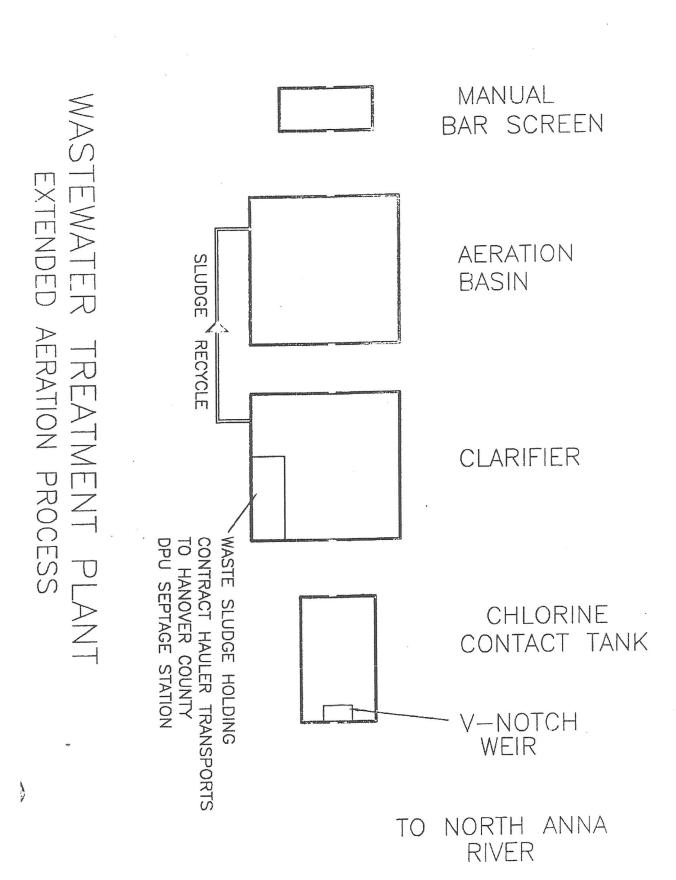
Upon request of the department, you must submit any other information necessary to assess sewage sludge use or disposal practices at your facility or identify appropriate permitting requirements.



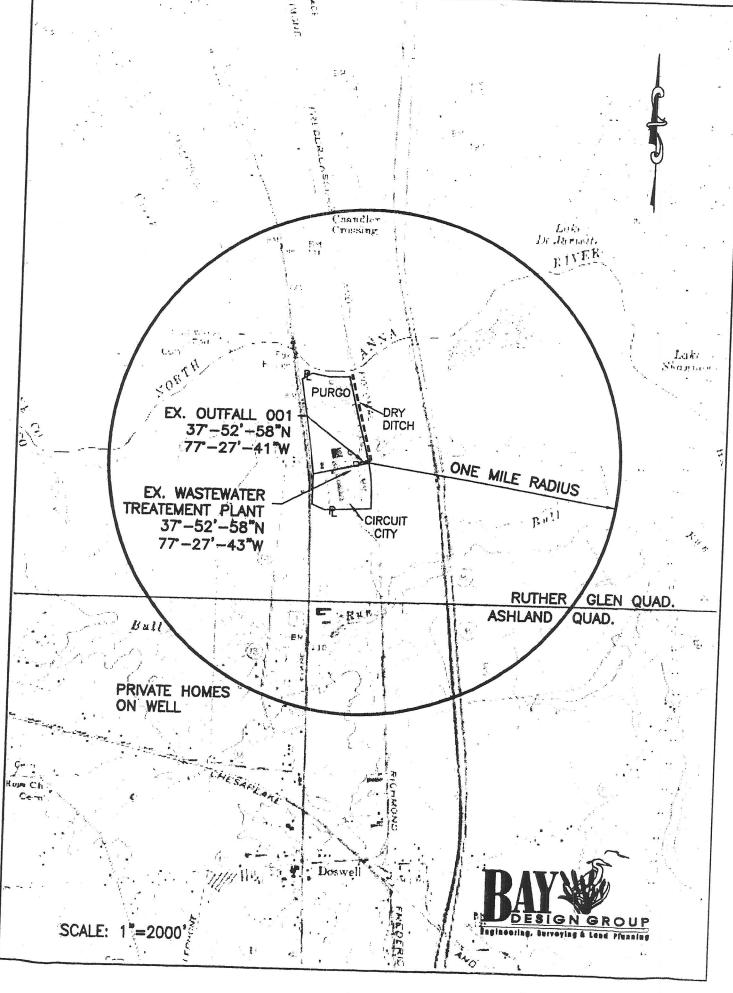
Rhapsody Doswell, VA
Industrial/ Purgo VA0068314



INFLUENT



2



FACILITY NAME: RHAPSONG PORSO VPDES PERMIT NUMBER: Y4006 8314 SECTION B. GENERATION OF SEWAGE SLUDGE OR PREPARATION

OF A MATERIAL DERIVED FROM SEWAGE SLUDGE

Complete this section if your facility generates sewage sludge or derives a material from sewage sludge

2.	Amou	nt Received from Off Site. If your facility receives sewage sludge from another facility for treatment, use or sal, provide the following information for each facility from which sewage sludge is received. If you receive
	dispos	e sludge from more than one facility, attach additional pages as necessary.
	a.	Facility name:
	а. b.	Contact Person:
	υ.	Title:
		Phone ()
	c.	Mailing address:
	0.	
		Street or P.O. Box:
	d.	Facility Address:
		(not P.O. Box)
	e.	Total dry metric tons per 365-day period received from this facility: dry metric tons
	f.	Describe, on this form or on another sheet of paper, any treatment processes known to occur at the off-site
		facility, including blending activities and treatment to reduce pathogens or vector attraction characteristics:
3.	Treat	ment Provided at Your Facility.
	a.	Which class of pathogen reduction is achieved for the sewage sludge at your facility?
		Class AClass BNeither or unknown
	b.	Describe, on this form or another sheet of paper, any treatment processes used at your facility to reduce
		pathogens in sewage sludge:
	c.	0.10.0
	C.	Which vector attraction reduction ontion is met for the sewage sludge at your facility?
		Which vector attraction reduction option is met for the sewage sludge at your facility? Option 1 (Minimum 38 percent reduction in volatile solids)
		Option 1 (Minimum 38 percent reduction in volatile solids)
		Option 1 (Minimum 38 percent reduction in volatile solids) Option 2 (Anaerobic process, with bench-scale demonstration)
		 Option 1 (Minimum 38 percent reduction in volatile solids) Option 2 (Anaerobic process, with bench-scale demonstration) Option 3 (Aerobic process, with bench-scale demonstration)
		 Option 1 (Minimum 38 percent reduction in volatile solids) Option 2 (Anaerobic process, with bench-scale demonstration) Option 3 (Aerobic process, with bench-scale demonstration) Option 4 (Specific oxygen uptake rate for aerobically digested sludge)
		 Option 1 (Minimum 38 percent reduction in volatile solids) Option 2 (Anaerobic process, with bench-scale demonstration) Option 3 (Aerobic process, with bench-scale demonstration) Option 4 (Specific oxygen uptake rate for aerobically digested sludge) Option 5 (Aerobic processes plus raised temperature)
		 Option 1 (Minimum 38 percent reduction in volatile solids) Option 2 (Anaerobic process, with bench-scale demonstration) Option 3 (Aerobic process, with bench-scale demonstration) Option 4 (Specific oxygen uptake rate for aerobically digested sludge) Option 5 (Aerobic processes plus raised temperature) Option 6 (Raise pH to 12 and retain at 11.5)
		 Option 1 (Minimum 38 percent reduction in volatile solids) Option 2 (Anaerobic process, with bench-scale demonstration) Option 3 (Aerobic process, with bench-scale demonstration) Option 4 (Specific oxygen uptake rate for aerobically digested sludge) Option 5 (Aerobic processes plus raised temperature) Option 6 (Raise pH to 12 and retain at 11.5) Option 7 (75 percent solids with no unstabilized solids)
		 Option 1 (Minimum 38 percent reduction in volatile solids) Option 2 (Anaerobic process, with bench-scale demonstration) Option 3 (Aerobic process, with bench-scale demonstration) Option 4 (Specific oxygen uptake rate for aerobically digested sludge) Option 5 (Aerobic processes plus raised temperature) Option 6 (Raise pH to 12 and retain at 11.5) Option 7 (75 percent solids with no unstabilized solids) Option 8 (90 percent solids with unstabilized solids)
	d.	 Option 1 (Minimum 38 percent reduction in volatile solids) Option 2 (Anaerobic process, with bench-scale demonstration) Option 3 (Aerobic process, with bench-scale demonstration) Option 4 (Specific oxygen uptake rate for aerobically digested sludge) Option 5 (Aerobic processes plus raised temperature) Option 6 (Raise pH to 12 and retain at 11.5) Option 7 (75 percent solids with no unstabilized solids) Option 8 (90 percent solids with unstabilized solids) None or unknown
	d.	 Option 1 (Minimum 38 percent reduction in volatile solids) Option 2 (Anaerobic process, with bench-scale demonstration) Option 3 (Aerobic process, with bench-scale demonstration) Option 4 (Specific oxygen uptake rate for aerobically digested sludge) Option 5 (Aerobic processes plus raised temperature) Option 6 (Raise pH to 12 and retain at 11.5) Option 7 (75 percent solids with no unstabilized solids) Option 8 (90 percent solids with unstabilized solids)
	d.	Option 1 (Minimum 38 percent reduction in volatile solids) Option 2 (Anaerobic process, with bench-scale demonstration) Option 3 (Aerobic process, with bench-scale demonstration) Option 4 (Specific oxygen uptake rate for aerobically digested sludge) Option 5 (Aerobic processes plus raised temperature) Option 6 (Raise pH to 12 and retain at 11.5) Option 7 (75 percent solids with no unstabilized solids) Option 8 (90 percent solids with unstabilized solids) None or unknown Describe, on this form or another sheet of paper, any treatment processes used at your facility to reduce vector attraction properties of sewage sludge:
	d. e.	Option 1 (Minimum 38 percent reduction in volatile solids) Option 2 (Anaerobic process, with bench-scale demonstration) Option 3 (Aerobic process, with bench-scale demonstration) Option 4 (Specific oxygen uptake rate for aerobically digested sludge) Option 5 (Aerobic processes plus raised temperature) Option 6 (Raise pH to 12 and retain at 11.5) Option 7 (75 percent solids with no unstabilized solids) Option 8 (90 percent solids with unstabilized solids) None or unknown Describe, on this form or another sheet of paper, any treatment processes used at your facility to reduce vector attraction properties of sewage sludge:
		Option 1 (Minimum 38 percent reduction in volatile solids) Option 2 (Anaerobic process, with bench-scale demonstration) Option 3 (Aerobic process, with bench-scale demonstration) Option 4 (Specific oxygen uptake rate for aerobically digested sludge) Option 5 (Aerobic processes plus raised temperature) Option 6 (Raise pH to 12 and retain at 11.5) Option 7 (75 percent solids with no unstabilized solids) Option 8 (90 percent solids with unstabilized solids) None or unknown Describe, on this form or another sheet of paper, any treatment processes used at your facility to reduce vector attraction properties of sewage sludge:
		Option 1 (Minimum 38 percent reduction in volatile solids) Option 2 (Anaerobic process, with bench-scale demonstration) Option 3 (Aerobic process, with bench-scale demonstration) Option 4 (Specific oxygen uptake rate for aerobically digested sludge) Option 5 (Aerobic processes plus raised temperature) Option 6 (Raise pH to 12 and retain at 11.5) Option 7 (75 percent solids with no unstabilized solids) Option 8 (90 percent solids with unstabilized solids) None or unknown Describe, on this form or another sheet of paper, any treatment processes used at your facility to reduce vector attraction properties of sewage sludge:
4.	e.	Option 1 (Minimum 38 percent reduction in volatile solids) Option 2 (Anaerobic process, with bench-scale demonstration) Option 3 (Aerobic process, with bench-scale demonstration) Option 4 (Specific oxygen uptake rate for aerobically digested sludge) Option 5 (Aerobic processes plus raised temperature) Option 6 (Raise pH to 12 and retain at 11.5) Option 7 (75 percent solids with no unstabilized solids) Option 8 (90 percent solids with unstabilized solids) None or unknown Describe, on this form or another sheet of paper, any treatment processes used at your facility to reduce vector attraction properties of sewage sludge: Describe, on this form or another sheet of paper, any other sewage sludge treatment activities, including blending, not identified in a - d above:
4.	e. Prepa One	 Option 1 (Minimum 38 percent reduction in volatile solids) Option 2 (Anaerobic process, with bench-scale demonstration) Option 3 (Aerobic process, with bench-scale demonstration) Option 4 (Specific oxygen uptake rate for aerobically digested sludge) Option 5 (Aerobic processes plus raised temperature) Option 6 (Raise pH to 12 and retain at 11.5) Option 7 (75 percent solids with no unstabilized solids) Option 8 (90 percent solids with unstabilized solids) None or unknown Describe, on this form or another sheet of paper, any treatment processes used at your facility to reduce vector attraction properties of sewage sludge: Describe, on this form or another sheet of paper, any other sewage sludge treatment activities, including blending, not identified in a - d above:
4.	e. Prepa One	Option 1 (Minimum 38 percent reduction in volatile solids)Option 2 (Anaerobic process, with bench-scale demonstration)Option 3 (Aerobic process, with bench-scale demonstration)Option 4 (Specific oxygen uptake rate for aerobically digested sludge)Option 5 (Aerobic processes plus raised temperature)Option 6 (Raise pH to 12 and retain at 11.5)Option 7 (75 percent solids with no unstabilized solids)Option 8 (90 percent solids with unstabilized solids)None or unknown Describe, on this form or another sheet of paper, any treatment processes used at your facility to reduce vector attraction properties of sewage sludge: Describe, on this form or another sheet of paper, any other sewage sludge treatment activities, including blending, not identified in a - d above: aration of Sewage Sludge Meeting Ceiling and Pollutant Concentrations, Class A Pathogen Requirements and of Vector Attraction Reduction Options 1-8 (EQ Sludge).
4.	e. Prepa One	Option 1 (Minimum 38 percent reduction in volatile solids)Option 2 (Anaerobic process, with bench-scale demonstration)Option 3 (Aerobic process, with bench-scale demonstration)Option 4 (Specific oxygen uptake rate for aerobically digested sludge)Option 5 (Aerobic processes plus raised temperature)Option 6 (Raise pH to 12 and retain at 11.5)Option 7 (75 percent solids with no unstabilized solids)Option 8 (90 percent solids with unstabilized solids)None or unknown Describe, on this form or another sheet of paper, any treatment processes used at your facility to reduce vector attraction properties of sewage sludge: Describe, on this form or another sheet of paper, any other sewage sludge treatment activities, including blending, not identified in a - d above: aration of Sewage Sludge Meeting Ceiling and Pollutant Concentrations, Class A Pathogen Requirements and of Vector Attraction Reduction Options 1-8 (EQ Sludge).
4.	e. Prepa	 Option 1 (Minimum 38 percent reduction in volatile solids) Option 2 (Anaerobic process, with bench-scale demonstration) Option 3 (Aerobic process, with bench-scale demonstration) Option 4 (Specific oxygen uptake rate for aerobically digested sludge) Option 5 (Aerobic processes plus raised temperature) Option 6 (Raise pH to 12 and retain at 11.5) Option 7 (75 percent solids with no unstabilized solids) Option 8 (90 percent solids with unstabilized solids) None or unknown Describe, on this form or another sheet of paper, any treatment processes used at your facility to reduce vector attraction properties of sewage sludge: Describe, on this form or another sheet of paper, any other sewage sludge treatment activities, including blending, not identified in a - d above:

Tamira Cohen, Environmental Engineer Sr. Department of Environmental Quality Piedmont Regional Office 4949A Cox Rd Glen Allen, VA 23060

RE: Item 1. Section B.

Current sewerage sludge management processes consist of transporting sludge by a licensed contractor from the package plant in liquid form to a approved receiving station.

Vol. MG *Conc. Mg/l*8.34 =lbs

A estimate of the Waste Activated Sludge Volume is 150 gallons per week 7800 gallons or 7800 gallons of waste activated sludge per year. Using a estimated concentration of 4000 mg/l will result in 260.2 pounds per year or .12 metric tons.

.0078 MG * 4000 mg/l * 8.34 #/gal = 260.2 #.

260.2#/2204 ton = .12 metric tons.

Sincerely,

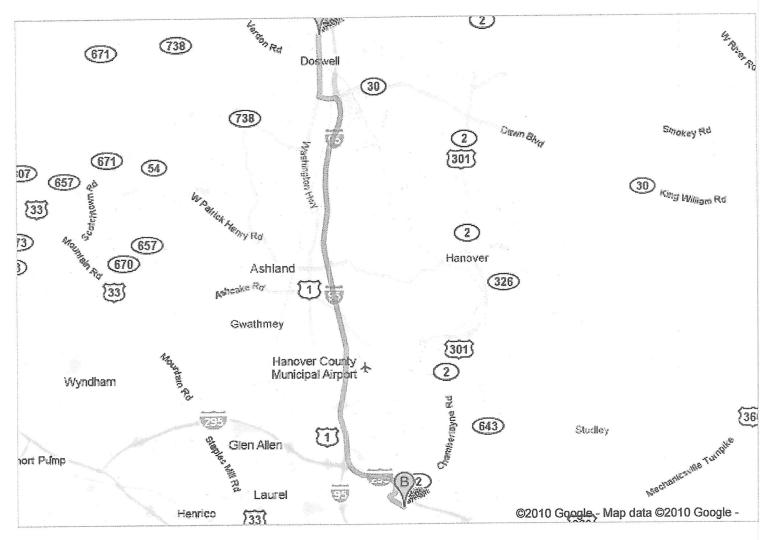
M. L. Cook

ATTACK mout D

FACILITY	NAME:	RHA	29	o d	4	Pung	~
		No			•	•	

(Complete this question if you place sewage sludge in a bag or other container for sale or give-away prior to land applic question if sewage sludge is covered in Question 4. a. Total dry metric tons per 365-day period of sewage sludge placed in a bag or other contain for sale or give-away for application to the land:	ner at your facility udge being sold or ng. This question does
a. Total dry metric tons per 365-day period of sewage sludge placed in a bag or other contain for sale or give-away for application to the land: b. Attach, with this application, a copy of all labels or notices that accompany the sewage slugiven away in a bag or other container for application to the land. 6. Shipment Off Site for Treatment or Blending. (Complete this question if sewage sludge from your facility is sent to another facility that provides treatment or blendin not apply to sewage sludge sent directly to a land application or surface disposal site. Skip this question if the sewage sludge to more than one facility, attach additional sheets as necessary.) a. Recciving facility name: HARCALL Phone: Pho	udge being sold or
b. Attach, with this application, a copy of all labels or notices that accompany the sewage striction away in a bag or other container for application to the land. 6. Shipment Off Site for Treatment or Blending. (Complete this question if sewage sludge from your facility is sent to another facility that provides treatment or blending not apply to sewage sludge sent directly to a land application or surface disposal site. Skip this question if the sewage sloguestions 4 or 5. If you send sewage sludge to more than one facility, attach additional sheets as necessary.) a. Receiving facility name: Harrier than one facility attach additional sheets as necessary.) b. Facility contact: Harrier than the facility attach additional sheets as necessary.) c. Mailing address: Street or P.O. Box: State: State: Jack Tip: Zace A City or Town: Harrier to sevage sludge provided to receiving facility: metric tons e. List, on this form or an attachment, the receiving facility's VPDES permit number as well all other federal, state or local permits that regulate the receiving facility's sewage sludge practices: Permit Number: Type of Permit: None Permit Type of Permit: None Permit Type of Permit: Class A Class B Neither or unknown Describe, on this form or another sheet of paper, any treatment processes used at the receiving facility provide additional treatment to reduce vector attraction characters.	ng. This question does
(Complete this question if sewage sludge from your facility is sent to another facility that provides treatment or blendin not apply to sewage sludge sent directly to a land application or surface disposal site. Skip this question if the sewage sludgestom of the sewage sludge to more than one facility, attach additional sheets as necessary.) a. Receiving facility name: Harger Co. Bru Richard Receiving facility contact: Harger Co. Bru Richard Receiving facility provide additional treatment to reduce pathogens in sewage sludge: C. Mailing address: Street or P.O. Box: Receiving facility provide additional treatment to reduce vector attraction characters. G. Mailing address: State: Receiving facility sewage sludge provided to receiving facility: metric tons e. List, on this form or an attachment, the receiving facility's VPDES permit number as well all other federal, state or local permits that regulate the receiving facility's sewage sludge practices: Permit Number: Type of Permit: Does the receiving facility provide additional treatment to reduce pathogens in sewage sludge: G. Class A Class B Neither or unknown Describe, on this form or another sheet of paper, any treatment processes used at the received pathogens in sewage sludge: Does the receiving facility provide additional treatment to reduce vector attraction characters.	ng. This question does ludge is covered in
not apply to sewage sludge sent directly to a land application or surface disposal site. Skip this question if the sewage sludge to more than one facility, attach additional sheets as necessary.) a. Receiving facility name: Haracar Co. Brill Receiving facility contact: Title: Receiving facility provide additional treatment to reduce pathogens in sewage sludge: C. Mailing address: Street or P.O. Box: Receiving facility: Receiving facility: Metric tons per 365-day period of sewage sludge provided to receiving facility: Metric tons per 365-day period of sewage sludge provided to receiving facility: Metric tons per 365-day period of sewage sludge provided to receiving facility: Metric tons per 365-day period of sewage sludge provided to receiving facility: Metric tons per 365-day period of sewage sludge provided to receiving facility: Metric tons per 365-day period of sewage sludge provided to receiving facility: Metric tons per 365-day period of sewage sludge provided to receiving facility: Metric tons per 365-day period of sewage sludge provided to receiving facility: Metric tons per 365-day period of sewage sludge provided to receiving facility: Metric tons per 365-day period of sewage sludge provided to receiving facility: Metric tons per 365-day period of sewage sludge provided to receiving facility: Metric tons per 365-day period of sewage sludge provided to receiving facility: Metric tons per 365-day period of sewage sludge provided to receiving facility: Metric tons per 365-day period of sewage sludge provided to receiving facility: Metric tons per 365-day period of sewage sludge provided to receiving facility: Metric tons per 365-day period of sewage sludge provided to receiving facility: Metric tons per 365-day period of sewage sludge provided to receiving facility: Metric tons per 365-day period of sewage sludge provided to receiving facility: Metric tons per 365-day period of sewage sludge provided to receiving facility: Metric tons per 365-day period of sewage sludge provided to receiving facility: M	ludge is covered in
a. Receiving facility name: Handle Color Receiving facility contact: Title: Phone: (90) 365 600 9. c. Mailing address: Street or P.O. Box: State: Y Zip: Z 3 6 9. d. Total dry metric tons per 365-day period of sewage sludge provided to receiving facility: metric tons e. List, on this form or an attachment, the receiving facility's VPDES permit number as wel all other federal, state or local permits that regulate the receiving facility's sewage sludge practices: Permit Number: Type of Permit: Does the receiving facility provide additional treatment to reduce pathogens in sewage sludge facility? Yes No Which class of pathogen reduction is achieved for the sewage sludge at the receiving facility achieved for the sewage sludge at the receiving facility in sewage sludge. Does the receiving facility provide additional treatment processes used at the receiving facility provide additional treatment to reduce vector attraction characters. g. Does the receiving facility provide additional treatment to reduce vector attraction characters.	
b. Facility contact: Title: Phone: (2011 365 602) c. Mailing address: Street or P.O. Box: City or Town: HANCE State: State: State: Total dry metric tons per 365-day period of sewage sludge provided to receiving facility: metric tons e. List, on this form or an attachment, the receiving facility's VPDES permit number as wel all other federal, state or local permits that regulate the receiving facility's sewage sludge practices: Permit Number: Type of Permit: Type of Permit: Type of Permit: Class A Class B Neither or unknown Describe, on this form or another sheet of paper, any treatment processes used at the receiving facility provide additional treatment to reduce vector attraction characters are sewage sludge? Total dry metric tons State: Tap: Zip: Zi	SRS.
c. Mailing address: Street or P.O. Box: City or Town: HANGUER State: State: Total dry metric tons per 365-day period of sewage sludge provided to receiving facility: metric tons e. List, on this form or an attachment, the receiving facility's VPDES permit number as wel all other federal, state or local permits that regulate the receiving facility's sewage sludge practices: Permit Number: Type of Permit: Type of Permit: Does the receiving facility provide additional treatment to reduce pathogens in sewage sludge in the receiving facility? Glass A Class B Neither or unknown Describe, on this form or another sheet of paper, any treatment processes used at the receiving facility provide additional treatment to reduce vector attraction characters. Boos the receiving facility provide additional treatment to reduce vector attraction characters. Boos the receiving facility provide additional treatment to reduce vector attraction characters. Boos the receiving facility provide additional treatment to reduce vector attraction characters.	
c. Mailing address: Street or P.O. Box: City or Town: HANCE F. State: State: City or Town: HANCE F. State: State: City or Town: MANCE F. State: City or Town: MANCE F. State: City or Town: MANCE F. State: State: Var Zip: Zip: Zip: Zip: Zip: Zip: Zip: Zip:	
d. Total dry metric tons per 365-day period of sewage sludge provided to receiving facility: metric tons e. List, on this form or an attachment, the receiving facility's VPDES permit number as wel all other federal, state or local permits that regulate the receiving facility's sewage sludge practices: Permit Number: Type of Permit: Type of Permit: Type of Permit: A Does the receiving facility provide additional treatment to reduce pathogens in sewage sludge at the receiving facility? Class A Class B Neither or unknown Describe, on this form or another sheet of paper, any treatment processes used at the received reduce pathogens in sewage sludge: Does the receiving facility provide additional treatment to reduce vector attraction characters. Does the receiving facility provide additional treatment to reduce vector attraction characters.	
d. Total dry metric tons per 365-day period of sewage sludge provided to receiving facility: metric tons e. List, on this form or an attachment, the receiving facility's VPDES permit number as wel all other federal, state or local permits that regulate the receiving facility's sewage sludge practices: Permit Number: Type of Permit: Type of Permit: Type of Permit: A Does the receiving facility provide additional treatment to reduce pathogens in sewage sludge at the receiving facility? Class A Class B Neither or unknown Describe, on this form or another sheet of paper, any treatment processes used at the received reduce pathogens in sewage sludge: Does the receiving facility provide additional treatment to reduce vector attraction characters. Does the receiving facility provide additional treatment to reduce vector attraction characters.	
e. List, on this form or an attachment, the receiving facility's VPDES permit number as well all other federal, state or local permits that regulate the receiving facility's sewage sludge practices: Permit Number:	
f. Does the receiving facility provide additional treatment to reduce pathogens in sewage she facility?YesNo Which class of pathogen reduction is achieved for the sewage sludge at the receiving facilityClass AClass BNeither or unknown Describe, on this form or another sheet of paper, any treatment processes used at the receiving facility provide additional treatment to reduce vector attraction characters. g. Does the receiving facility provide additional treatment to reduce vector attraction characters.	l as the numbers of use or disposal
f. Does the receiving facility provide additional treatment to reduce pathogens in sewage slifacility?YesNo Which class of pathogen reduction is achieved for the sewage sludge at the receiving facilityClass AClass BNeither or unknown Describe, on this form or another sheet of paper, any treatment processes used at the received pathogens in sewage sludge: g. Does the receiving facility provide additional treatment to reduce vector attraction characters are sewage sludge? YesNo	
f. Does the receiving facility provide additional treatment to reduce pathogens in sewage slifacility?YesNo Which class of pathogen reduction is achieved for the sewage sludge at the receiving facilityClass AClass BNeither or unknown Describe, on this form or another sheet of paper, any treatment processes used at the received pathogens in sewage sludge: g. Does the receiving facility provide additional treatment to reduce vector attraction characters are sewage sludge? YesNo	
facility?YesNo Which class of pathogen reduction is achieved for the sewage sludge at the receiving faciClass AClass BNeither or unknown Describe, on this form or another sheet of paper, any treatment processes used at the rece reduce pathogens in sewage sludge: g. Does the receiving facility provide additional treatment to reduce vector attraction characters are sewage sludge? YesNo	
Which class of pathogen reduction is achieved for the sewage sludge at the receiving fact Class AClass BNeither or unknown Describe, on this form or another sheet of paper, any treatment processes used at the rece reduce pathogens in sewage sludge:	
Describe, on this form or another sheet of paper, any treatment processes used at the rece reduce pathogens in sewage sludge: Does the receiving facility provide additional treatment to reduce vector attraction characters are sewage sludge? Yes No	ility?
g. Does the receiving facility provide additional treatment to reduce vector attraction characters sewage sludge? Yes No	eiving facility to
sewage sludge? Yes No	
sewage sludge? Yes No	atoristics of the
Sowago Staago	steristics of the
Which vector attraction reduction option is met for the sewage sludge at the receiving fac-	cility?
Option 1 (Minimum 38 percent reduction in volatile solids)	
Option 2 (Anaerobic process, with bench-scale demonstration)	
Option 3 (Aerobic process, with bench-scale demonstration)	
Option 4 (Specific oxygen uptake rate for aerobically digested sludge)	
Option 5 (Aerobic processes plus raised temperature)	
Option 6 (Raise pH to 12 and retain at 11.5)	
Option 7 (75 percent solids with no unstabilized solids)	
Option 8 (90 percent solids with unstabilized solids)	
None unknown	
Describe, on this form or another sheet of paper, any treatment processes used at the rece	eiving facility to
reduce vector attraction properties of sewage sludge:	
h. Does the receiving facility provide any additional treatment or blending not identified in YesNo	
If yes, describe, on this form or another sheet of paper, the treatment processes not ident	ified in f or g above
If you answered ves to f., g or h above, attach a copy of any information you provide to the	h a manaivin a facility

TYN	to comply with the "notice and necessary information" requirement of 9 VAC 25-31-530.G.
	Does the receiving facility place sewage sludge from your facility in a bag or other container for sale or
j	give-away for application to the land?YesNo
	If yes, provide a copy of all labels or notices that accompany the product being sold or given away.
1	Will the sewage sludge be transported to the receiving facility in a truck-mounted watertight tank normally
k.	used for such purposes? Yes No. If no, provide description and specification on the vehicle used to
	transport the sewage sludge to the receiving facility.
	Show the haul route(s) on a location map or briefly describe the haul route below and indicate the days of
	the week and the times of the day sewage sludge will be transported.
	the week and the times of the day servings strange with the
Land	Application of Bulk Sewage Sludge.
(Comr	slete Question 7.a if sewage sludge from your facility is applied to the land, unless the sewage sludge is covered in Questions 4, 5 or 6;
comple	ote Operation 7 b. c. & d only if you are responsible for land application of sewage sludge.)
a.	Total dry metric tons per 365-day period of sewage sludge applied to all land application sites:dry
a.	metric tons
b.	Do you identify all land application sites in Section C of this application? Yes No
J.	If no, submit a copy of the Land Application Plan (LAP) with this application (LAP should be prepared in
	accordance with the instructions).
c.	Are any land application sites located in States other than Virginia? Yes No
C.	If we describe on this form or on another sheet of paper, how you notify the permitting authority for the
	States where the land application sites are located. Provide a copy of the notification.
	Attach a copy of any information you provide to the owner or lease holder of the land application sites to
d.	comply with the "notice and necessary" information requirement of 9 VAC 25-31-530 F and/or H
	(Examples may be obtained in Appendix IV).
	(Examples may be obtained in Appoint 14).
Surf	ace Disposal.
(Com	plete Question 8 if sewage sludge from your facility is placed on a surface disposal site.)
a.	Total dry metric tons per 365-day period of sewage sludge from your facility placed on all surface disposal
	sites: dry metric tons
b.	Do you own or operate all surface disposal sites to which you send sewage studge for disposal?
	If no, answer questions c - g for each surface disposal site that you do not own or operate. If you send
	sewage sludge to more than one surface disposal site, attach additional pages as necessary.
0	Site name or number:
c. d.	Contact person:
u.	Title:
	Phone: ()
	Contact is:Site OwnerSite operator
e.	Mailing address.
e.	Mailing address.
	Mailing address. Street or P.O. Box: City or Town: State: Zip:
e.	Mailing address. Street or P.O. Box: State: Zip: City or Town: State: Zip: Total dry metric tons per 365-day period of sewage sludge from your facility placed on this surface disposa.
f.	Mailing address. Street or P.O. Box: City or Town: State: Zip: Total dry metric tons per 365-day period of sewage sludge from your facility placed on this surface disposation.
	Mailing address. Street or P.O. Box: State: Zip: City or Town: State: Zip: Total dry metric tons per 365-day period of sewage sludge from your facility placed on this surface disposa site: dry metric tons List on this form or an attachment, the surface disposal site VPDES permit number as well as the numbers
f.	Mailing address. Street or P.O. Box: City or Town: Total dry metric tons per 365-day period of sewage sludge from your facility placed on this surface disposal site: List, on this form or an attachment, the surface disposal site VPDES permit number as well as the numbers of all other federal, state or local permits that regulate the sewage sludge use or disposal practices at the
f.	Mailing address. Street or P.O. Box: City or Town: Total dry metric tons per 365-day period of sewage sludge from your facility placed on this surface disposa site: dry metric tons List, on this form or an attachment, the surface disposal site VPDES permit number as well as the numbers of all other federal, state or local permits that regulate the sewage sludge use or disposal practices at the surface disposal site:
f.	Mailing address. Street or P.O. Box: City or Town: Total dry metric tons per 365-day period of sewage sludge from your facility placed on this surface disposal site: List, on this form or an attachment, the surface disposal site VPDES permit number as well as the numbers of all other federal, state or local permits that regulate the sewage sludge use or disposal practices at the
f.	Mailing address. Street or P.O. Box: City or Town: Total dry metric tons per 365-day period of sewage sludge from your facility placed on this surface disposa site: dry metric tons List, on this form or an attachment, the surface disposal site VPDES permit number as well as the numbers of all other federal, state or local permits that regulate the sewage sludge use or disposal practices at the surface disposal site:
f. g.	Mailing address. Street or P.O. Box: City or Town: Total dry metric tons per 365-day period of sewage sludge from your facility placed on this surface disposal site: dry metric tons List, on this form or an attachment, the surface disposal site VPDES permit number as well as the number of all other federal, state or local permits that regulate the sewage sludge use or disposal practices at the surface disposal site:



Driving directions to Richfood Rd, Mechanicsville, VA 23116

17234 Washington Hwy Doswell, VA 23047

Mechanicsville, VA 23116

	_
1. Head south on US-1 S/Washington Hwy	2.2 mi
2. Turn left at VA-30 S/Kings Dominion Blvd	6 0.6 mi
3. Turn right to merge onto I-95 S toward Richmond	12.4 mi
4. Take exit 84A on the left to merge onto I-295 S toward Rocky Mt NC/Richmond International	2.4 mi
5. Take exit 41B to merge onto US-301 S/VA-2 S/Chamberlayne Rd toward Richmond	0.7 mi
6. Turn left at Richfood Rd/State Route 1250	0.6 mi
R Richfood Rd	@
IN FALITOULIA	2000

D A COUT IV	WW Z TAT A TA	VPDES PERMIT NUMBER:
	I Y INALIV	Total dry metric tons per 365-day period of sewage sludge from your facility fired in a sewage sludge
	a.	incinerator: dry metric tons
		Do you own or operate all sewage sludge incinerators in which sewage sludge from your facility is fired?
r A	b.	
NA	,	YesNo If no, answer questions c - g for each sewage sludge incinerator that you do not own or operate. If you send
, ,		If no, answer questions c - g for each sewage studge incinct ator that you do not own or operate. If you series
		sewage sludge to more than one sewage sludge incinerator, attach additional pages as necessary.
	C.	Incinerator name or number:
	d.	Contact person:
		Title:
		Phone: ()
		Phone: ()
	e.	Mailing address.
		Street or P.O. Box: State: Zip:
	f.	Total dry metric tons per 365-day period of sewage sludge from your facility fired in this sewage sludge
	1.	incinerator: dry metric tons
		List on this form or an attachment the numbers of all other federal, state or local permits that regulate the
	g.	
		firing of sewage sludge at this incinerator: Permit Number: Type of Permit:
		Permit Number: Type of Permit:
		7 - 1011
10.	Disposa	l in a Municipal Solid Waste Landfill.
	(Complet	e Question 10 if sewage sludge from your facility is placed on a municipal solid waste landfill. Provide the following information for
	each mun	icipal solid waste landfill on which sewage sludge from your facility is placed. If sewage sludge is placed on more than one
	municipa	solid waste landfill, attach additional pages as necessary.)
	a.	Landfill name:
	b.	Contact person:
· rA		Title:
NF		Phone: ()
		Phone: () Contact is:Landfill OwnerLandfill Operator
	C.	Mailing address.
	•	
		Street or P.O. Box: State: Zip:
	d.	Landfill location.
	a.	
		Street or Route #:
		County:
		City or Town: State: Zip: One of the state
	e.	Total dry metric tons per 365-day period of sewage sludge placed in this municipal solid waste landfill:
		List, on this form or an attachment, the numbers of all federal, state or local permits that regulate the
	f.	List, on this form or an attachment, the numbers of all federal, state or local permits that regulate the
		operation of this municipal solid waste landfill:
		Permit Number: Type of Permit:
	g.	Does sewage sludge meet applicable requirements in the Virginia Solid Waste Management Regulation, 9
	5.	VAC 20-80-10 et seq., concerning the quality of materials disposed in a municipal solid waste landfill?
		YesNo
	1.	Does the municipal solid waste landfill comply with all applicable criteria set forth in the Virginia Solid
	h.	The stable and the second Decide to the second of the seco
		Waste Management Regulation, 9 VAC 20-80-10 et seq.?YesNo
	i.	Will the vehicle bed or other container used to transport sewage sludge to the municipal solid waste landfill
		be watertight and covered? Yes No
		Show the haul route(s) on a location map or briefly describe the route below and indicate the days of the
		week and time of the day sewage sludge will be transported.

TION C. LAND APPLICATION OF BULK SEWAGE

Complete this section for sewage sludge that is land applied unless any of the following conditions apply: The sewage sludge meets the Table 1 ceiling concentrations, the Table 3 pollutant concentrations, Class A pathogen requirements and one of the vector attraction reduction options 1-8 (fill out B.4 instead) (EQ Sludge); or The sewage sludge is sold or given away in a bag or other container for application to the land (fill out B.5 instead); or You provide the sewage sludge to another facility for treatment or blending (fill out B.6 instead). Complete Section C for every site on which the sewage sludge that you reported in B.7 is land applied. Identification of Land Application Site. 1. Site name or number: _____ Site location (Complete i and ii) b. Street or Route#: County: City or Town: _____ State: ___ Zip: ____ Latitude: ____ Longitude: ____ ii. Method of latitude/longitude determination USGS map Filed survey Other
Topographic map. Provide a topographic map (or other appropriate map if a topographic map is C. unavailable) that shows the site location. Owner Information. 2. Are you the owner of this land application site? __Yes __No If no, provide the following information about the owner: b. Street or P.O. Box:______State:_____Zip:_____ Phone: () Applier Information: 3. Are you the person who applies, or who is responsible for application of, sewage sludge to this land application site? __Yes __No If no, provide the following information for the person who applies the sewage sludge: b. Name: Street or P.O. Box:______State:____Zip:_____ Phone: () List, on this form or an attachment, the numbers of all federal, state or local permits that regulate the person C. who applies sewage sludge to this land application site: Type of Permit: Permit Number: Site Type. Identify the type of land application site from among the following: 4. __Reclamation site ___Forest ____ __Agricultural land ___Reclamation site ___Other. Describe __ 5. Vector Attraction Reduction. Are any vector attraction reduction requirements met when sewage sludge is applied to the land application site? ____Yes ____No If yes, answer a and b. Indicate which vector attraction reduction option is met: ___ Option 9 (Injection below land surface) Option 10 (Incorporation into soil within 6 hours) Describe, on this form or on another sheet of paper, any treatment processes used at the land application site to reduce the vector attraction properties of sewage sludge:

vpdes permit number: V4606 8314 (Complete Question 6 only if the sewage sludge applied to this site since July 20, 1993 is subject to the cumulative pollutant loading rates

(CPLRs) - see instructions.) Have you contacted DEQ or the permitting authority in the state where the sewage sludge subject to the CPLRs will be applied to ascertain whether bulk sewage sludge subject to the CPLRs has been applied to this site since July 20, 1993? __Yes __No If no, sewage sludge subject to the CPLRs may not be applied to this site. If yes, provide the following information: Permitting authority: Contact person: Phone:()_ Based upon this inquiry, has bulk sewage sludge subject to the CPLRs been applied to this site since July 20, b. 1993? __Yes __No If no, skip the rest of Question 6. If yes, answer questions c - e. (one hectare = 2.471 acres) Site size, in hectares: C. Provide the following information for every facility other than yours that is sending or has sent sewage d. sludge subject to the CPLRs to this site since July 20, 1993. If more than one such facility sends sewage sludge to this site, attach additional pages as necessary. Facility name: Facility contact: Title: Phone: (Mailing address. Street or P.O. Box:____ _____ State:_____ Zip: City or Town: Provide the total loading and allotment remaining, in kg/hectare, for each of the following pollutants: e. Cumulative loading Allotment remaining Arsenic Cadmium Copper Lead Mercury Nickel Selenium Zinc Complete Questions 7-12 below only if you apply sewage sludge, or you are responsible for land application of sewage sludge. Information required by these questions may be prepared as attachments to this form. Skip the following questions if you contract land application to someone else (as indicated under Section A.7) who is responsible for the operation. Sludge Characterization. Use the table below or a separate attachment, provide at least one analysis for each parameter. PCBs (mg/kg) pH (S. U.) Percent Solids (%) Ammonium Nitrogen (mg/kg) Nitrate Nitrogen (mg/kg) Total Kieldahl Nitrogen (mg/kg) Total Phosphorus (mg/kg) Total Potassium (mg/kg) Alkalinity as CaCO₃* (mg/kg)

Lime treated sludge (10% or more lime by dry weight) should be analyzed for percent CaCO₃.

7.

FACILITY NAME: Phoused 4 Parso

Cumulative Loadings and Remaining Allotments.

VPDES PERMIT NUMBER FACILITY NAME: Bhassody Purso Storage Requirements. Existing and proposed sludge storage facilities must provide an estimated annual sludge balance on a monthly basis incorporating such factors as storage capacity, sludge production and land application schedule. Include pertinent calculations justifying storage requirements. Proposed sludge storage facilities must also provide the following information: A sludge storage site layout on a 7.5 minute topographic quadrangle or other appropriate scaled map to show the following topographic features of the surrounding landscape to a distance of 0.25 mile. Clearly mark the property line. Water wells, abandoned or operating Surface waters 2) 3) Springs Public water supply(s) 4) 5) Sinkholes Underground and/or surface mines 6) Mine pool (or other) surface water discharge points 7) Mining spoil piles and mine dumps 8) 9) Quarry(s) 10) Sand and gravel pits 11) Gas and oil wells Diversion ditch(s) 12) Agricultural drainage ditch(s) 13) Occupied dwellings, including industrial and commercial establishments 14) Landfills or dumps 15) Other unlined impoundments 16) Septic tanks and drainfields 17) 18) Injection wells 19) Rock outcrops A topographic map of sufficient detail to clearly show the following information: b. Maximum and minimum percent slopes Depressions on the site that may collect water 2) Drainageways that may attribute to rainfall run-on to or runoff from this site 3) Portions of the site (if any) which are located with the 100-year floodplain and how the storage 4) facility will be protected from flooding Data and specifications for the storage facility lining material. C. Plan and cross-sectional views of the storage facility. d. Depth from the bottom of the storage facility to the seasonal high water table and separation distance to the e. permanent water table. Land Area Requirements. Provide calculations justifying the land area requirements for land application of sewage 9. sludge taking into consideration average soil productivity group, crop(s) to be grown and most limiting factor(s) of the sewage sludge, specifically Plant Available Nitrogen (PAN), Calcium Carbonate Equivalence (CCE), and metal loadings (CPLR sewage sludge only), where applicable. Relate PAN, CCE, and metal loadings to demonstrate the most limiting factor for land application. Landowner Agreement Forms. Provide a properly completed Sewage Sludge Application Agreement Form 10. (attached) for each landowner if sewage sludge is to be applied onto land not owned by the applicant. Ground Water Monitoring. 11. Are any ground water monitoring data available for this land application site? __Yes __No If yes, submit the ground water monitoring data with this permit application. Also submit a written description of the well locations, approximate depth to ground water, and the ground water monitoring procedures used to obtain these data.

Land Application Site Information.

(Complete Items a-d for sites receiving infrequent application - land application of sewage sludge up to the agronomic rate at a frequency of once in a 3 year period; complete Items a-h for sites receiving frequent application - land application of sewage sludge in excess of 70% the agronomic rate at a frequency greater than once in a 3 year period)

12.

FACILITY NAME: RHAPSOU P. ~50

VPDES PERMIT NUMBER: VA 3063814

Provide a general location map for each county which clearly indicates the location of all the land application sites.

W_b.

For each land application site provide a site plan of sufficient detail to clearly show the concerned landscape features and associated buffer zones (See instructions). Provide a legend for each landscape feature and the net acreage for each field taking into account the proposed buffer zones.

c. In order to ensure that land application of bulk sewage sludge will not impact federally listed threatened or endangered species or federally designated critical habitat, the applicant must notify the field office of the U. S. Department of the Interior, Fish and Wildlife Service (FWS), by a letter, the proposed land application activities with the identification of the land application sites. The address and phone number of FWS are provided below.

U. S. Fish and Wildlife Service Ecological Services 6669 Short Lane Gloucester, VA 23061 TEL: (804) 693-6694

Provide a copy of the notification letter with this application form.

d. Provide a soil survey map, preferably photographically based, with the field boundaries clearly marked. (A USDA-SCS soil survey map should be provided, if available.)
Provide a detailed legend for each soil survey map which uses accepted USDA-SCS descriptions of the typifying pedon for each soil series (soil type). Complex associations may be described as a range of characteristics. Soil descriptions shall include as a minimum the following information.

- 1) Soil symbol
- 2) Soil series, textural phase and slope range
- 3) Depth to seasonal high water table
- 4) Depth to bedrock
- 5) Estimated soil productivity group (for the proposed crop rotation)

Item e - h are required for sites receiving frequent application of sewage sludge

e. In order to verify the information provided in item d, characterize the soil at each land application site.

Representative soil borings or test pits to a depth of five feet or to bedrock if shallower, are to be coordinated for the typifying pedon of each soil series (soil type). Soil descriptions shall include as a minimum the following information:



- 1). Soil symbol
- 2). Soil series, textural phase and slope range
- 3). Depth to seasonal high water table
- 4). Depth to bedrock
- 5). Estimated soil productivity group (for the proposed crop rotation)

VPDES PERMIT NUMBER: V 40063814 FACILITY NAME: Possil samples from each field, weighted to best represent each of the soil borings performed for Item e. Using the table below or a separate attachment, provide at least one analysis per sample for each of the following parameters. Soil Organic Matter (%) Soil pH (std. units) Cation Exchange Capacity (meq/100g) Total Nitrogen (ppm) Organic Nitrogen (ppm) Ammonia Nitrogen (ppm) Nitrate Nitrogen (ppm) Available Phosphorus (ppm) Exchangeable Potassium (mg/100g) Exchangeable Sodium (mg/100g) Exchangeable Calcium (mg/100g) Exchangeable Magnesium (mg/100g)

g. Relate the crop nutrient needs to anticipated yields, soil productivity rating and the various fertilizer or nutrient sources from sludge and chemical fertilizers. Describe any specialized agronomic management practices which may be required as a result of high soil pH. If the sludge is expected to possess an unusually high CCE or other unusual properties, provide a description of any plant tissue testing, supplemental fertilization or intensive agronomic management practices which may be necessary.

Using a narrative format and referencing any related charts, describe the proposed cropping system. Show
how the crop rotation and management will be coordinated with the design of the land application system.
Include any supplemental fertilization program, soil testing and the coordination of tillage practices,
planting and harvesting schedules and timing of land application.

NA

Arsenic (ppm)
Cadmium (ppm)
Copper (ppm)
Lead (ppm)
Mercury (ppm)
Molybdenum (ppm)
Nickel (ppm)
Selenium (ppm)
Zinc (ppm)
Manganese (ppm)
Particle Size Analysis or
USDA Textural Estimate (%)

SEWAGE SLUDGE APPLICATION AGREEMENT This sewage sludge application agreement is made on this date , referred to here as "landowner", and , referred to ermittee". Landowner is the owner of agricultural land shown on the map attached as Exhibit A and designated there as ("landowner's land"). Permittee agrees to apply and landowner agrees to comply with certain permit requirements following application of sewage sludge on landowner's land in amounts and in a manner which is held by the Permittee. authorized by VPDES permit number Landowner acknowledges that the appropriate application of sewage sludge will be beneficial in providing fertilizer and soil conditioning to the property. Moreover, landowner acknowledges having been expressly advised that, in order to protect public health, the following site restrictions must be adhered to when sewage sludge receives Class B treatment for pathogen reduction: Food crops with harvested parts that touch the sewage sludge/soil mixture and are totally above the land surface shall 1. not be harvested for 14 months after application of sewage sludge; Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after application 2. of sewage sludge when the sewage sludge remains on the land surface for four months or longer prior to incorporation into the soil; Food crops with harvested parts below the surface of the land shall not be harvested for 38 months after application 3. of sewage sludge when the sewage sludge remains on the land surface for less than four months prior to incorporation into the soil; Food crops, feed crops, and fiber crops shall not be harvested for 30 days after application of sewage sludge; 4. Animals shall not be grazed on the land for 30 days after application of sewage sludge; 5. Turf grown on land where sewage sludge is applied shall not be harvested for one year after application of the 6. sewage sludge when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by the State Water Control Board; Public access to land with a high potential for public exposure shall be restricted for one year after application of 7. sewage sludge; Public access to land with a low potential for public exposure shall be restricted for 30 days after application of 8. sewage sludge. Tobacco, because it has been shown to accumulate cadmium, should not be grown on landowner's land for three 9. years following the application of sewage sludge borne cadmium equal to or exceeding 0.5 kilograms/hectare (0.45 pounds/acre). Permittee agrees to notify landowner or landowner's designee of the proposed schedule for sewage sludge application and specifically prior to any particular application to landowner's land. This agreement may be terminated by either party upon written notice to the address specified below. Permittee: Landowner: Signature Signature Mailing Address Mailing Address

VPDES PERMIT NUMBER: 14 co 6854

Complete this section only if you own or operate a surface disposal site. Provide the information for each active sewage sludge unit.

1.	Inform	nation on Active Sewage Sludge Units.
	a.	Unit name or number:
	b.	Unit location
		i. Street or Route#:
		County: State: Zip: ii. Latitude: Longitude:
		City or Town: State: Zip:
		ii. Latitude: Longitude:
		Method of latitude/longitude determination
		USGS map Filed survey Other
	c.	Topographic map. Provide a topographic map (or other appropriate map if a topographic map is
		unavailable) that shows the site location.
	d.	Total dry metric tons of sewage sludge placed on the active sewage sludge unit per 365-day period:
	-	dry metric tons.
	e.	Total dry metric tons of sewage sludge placed on the active sewage sludge unit over the life of the unit:
	C.	dry metric tons.
	f.	Does the active sewage sludge unit have a liner with a minimum hydraulic conductivity of
	1.	1 x 10 ⁻⁷ cm/sec?YesNo If yes, describe the liner or attach a description.
		1 x 10 chi/sec?1es1vo if yes, describe the finer of attach a description.
		D 41 - 4 - Vog No
	g.	Does the active sewage sludge unit have a leachate collection system?YesNo
		If yes, describe the leachate collection system or attach a description. Also, describe the method used for
		leachate disposal and provide the numbers of any federal, state or local permits for leachate disposal:
	h.	If you answered no to either f or g, answer the following:
		Is the boundary of the active sewage sludge unit less than 150 meters from the property line of the surface
		disposal site?YesNo If yes, provide the actual distance in meters:
	i.	Remaining capacity of active sewage sludge unit, in dry metric tons: Anticipated closure date for active sewage sludge unit if known: (MM/DD/YYYY)
		Anticipated closure date for active sewage sludge unit, if known: (MM/DD/YYYY)
		Provide with this application a copy of any closure plan developed for this active sewage sludge unit.
2.	Sewac	ge Sludge from Other Facilities.
4.		age sludge sent to this active sewage sludge unit from any facilities other than yours?YesNo
		provide the following information for each such facility, attach additional sheets as necessary.
	a.	
	a. b.	Facility name:Facility contact:
	U.	
		Title:
		Phone: ()
	C.	Mailing address.
		Street or P.O. Box:
		City or Town: Zip:
	d.	List, on this form or an attachment, the facility's VPDES permit number as well as the numbers of all other
		federal, state or local permits that regulate the facility's sewage sludge management practices:
		Permit Number: Type of Permit:
	e.	Which class of pathogen reduction is achieved before sewage sludge leaves the other facility?
	-	Class A Class B Neither or unknown
	f.	Describe, on this form or on another sheet of paper, any treatment processes used at the other facility to
	1.	reduce pathogens in sewage sludge:
		Tourse Parisoners in seriage starge.

FACIL	ITY NAN	E: VACCE RHARSON FURS VPDES PERMIT NUMBER: VACCES
	g.	Which vector attraction reduction option is achieved before sewage sludge leaves the other facility? Option 1 (Minimum 38 percent reduction in volatile solids) Option 2 (Anaerobic process, with bench-scale demonstration) Option 3 (Aerobic process, with bench-scale demonstration) Option 4 (Specific oxygen uptake rate for aerobically digested sludge) Option 5 (Aerobic processes plus raised temperature) Option 6 (Raise pH to 12 and retain at 11.5) Option 7 (75 percent solids with no unstabilized solids) Option 8 (90 percent solids with unstabilized solids) None or unknown
	h.	Describe, on this form or another sheet of paper, any treatment processes used at the other facility to reduce vector attraction properties of sewage sludge:
	i.	Describe, on this form or another sheet of paper, any other sewage sludge treatment activities performed by the other facility that are not identified in e - h above:
3.	Vector a.	Attraction Reduction. Which vector attraction reduction option, if any, is met when sewage sludge is placed on this active sewage sludge unit? Option 9 (Injection below land surface) Option 10 (Incorporation into soil within 6 hours) Option 11 (Covering active sewage sludge unit daily) Describe, on this form or another sheet of paper, any treatment processes used at the active sewage sludge unit to reduce vector attraction properties of sewage sludge:
4.	b.	Water Monitoring. Is ground water monitoring currently conducted at this active sewage sludge unit or are ground water monitoring data otherwise available for this active sewage sludge unit?YesNo If yes, provide a copy of available ground water monitoring data. Also provide a written description of the well locations, the approximate depth to ground water, and the ground water monitoring procedures used to obtain these data. Has a ground water monitoring program been prepared for this active sewage sludge unit? YesNo If yes, submit a copy of the ground water monitoring program with this application. Have you obtained a certification from a qualified ground water scientist that the aquifer below the active sewage sludge unit has not been contaminated?YesNo If yes, submit a copy of the certification with this application.
5.	Are vo	ecific Limits. It seeking site-specific pollutant limits for the sewage sludge placed on the active sewage sludge unit? No If yes, submit information to support the request for site-specific pollutant limits with this tion.

NA